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Agile Data Warehousing Data Mining, Southeast Asia Edition Data Warehousing and Knowledge Discovery Data Warehousing and Knowledge Discovery Data Warehouse Requirements Engineering Intelligent Data Warehousing Progressive Methods in Data Warehousing and Business Intelligence: Concepts and Competitive Analytics ICT Education Machine Learning for Data Science Handbook Data Warehousing and Knowledge Discovery Web Technologies and Applications Embedded Software and Systems Strategic Advancements in Utilizing Data Mining and Warehousing Technologies: New Concepts and Developments Advances in Databases Information Systems Evolution Data Warehousing and Mining: Concepts, Methodologies, Tools, and Applications Data Management in Grid and Peer-to-Peer Systems Information Computing and Applications Emerging Trends and Applications in Information Communication Technologies Encyclopedia of Information Science and Technology, Third Edition Databases Theory and Applications Data Engineering and Management Advanced Machine Learning Technologies and Applications Foundations of Intelligent Systems Data Warehousing and Knowledge Discovery Enabling Real-Time Business Intelligence Databases Theory and Applications Issues in Information Science—Information Technology, Systems, and Security: 2013 Edition ERP & Data Warehousing in Organizations 2002 IEEE Region 10 Conference on Computers, Communications, Control and Power Engineering Fuzzy Data Warehousing for Performance Measurement Web Technologies and Applications Data Mining with Ontologies: Implementations, Findings, and Frameworks Rising Threats in Expert Applications and Solutions Computational Science and Its Applications - ICCSA 2004 Computational Science and Its Applications - ICCSA 2006 Advanced Principles for Improving Database Design, Systems Modeling, and Software Development Databases and Information Systems Complex Data Warehousing and Knowledge Discovery for Advanced Retrieval Development: Innovative Methods and Applications

Agile Data Warehousing 2008-07-14 contains a six stage plan for starting new warehouse projects and guiding programmers step by step until they become a world class agile development team it describes also how to avoid or contain the fierce opposition that radically new methods can encounter from the traditionally minded departments found in many large companies

Data Mining, Southeast Asia Edition 2006-04-06 our ability to generate and collect data has been increasing rapidly not only are all of our business scientific and government transactions now computerized but the widespread use of digital cameras publication tools and bar codes also generate data on the collection side scanned text and image platforms satellite remote sensing systems and the world wide have flooded us with a tremendous amount of data this explosive growth has generated an even more urgent need for new techniques and automated tools that can help us transform this data into useful information and knowledge like the first edition voted the most popular data mining book by kd nuggets readers this book explores concepts and techniques for the discovery of patterns hidden in large data sets focusing on issues relating to their feasibility usefulness effectiveness and scalability however since the publication of the first edition great progress has been made in the development of new data mining methods systems and applications this new edition substantially enhances the first edition and new chapters have been added to address recent developments on mining complex types of data including stream data sequence data graph structured data social network data and multi relational data a comprehensive practical look at the concepts and techniques you need to know to get the most out of real business data updates that incorporate input from readers changes in the field and more material on statistics and machine learning dozens of algorithms and implementation examples all in easily understood pseudo code and suitable for use in real world large scale data mining projects complete classroom support for instructors at [mkp.com/datamining2e](#) companion site

Data Warehousing and Knowledge Discovery 2013-08-23 this book constitutes the refereed proceedings of the 15th international conference on data warehousing and knowledge discovery dawak 2013 held in prague czech republic in august 2013 the 24 revised full papers and 8 short papers presented were carefully reviewed and selected from 89 submissions the papers are organized in topical sections on modeling and etl query optimization and parallelism spatial data warehouses and applications text mining and olap recommendation and prediction data mining optimization and machine learning techniques mining and processing data streams clustering and data mining applications social network and graph mining and event sequence and mining

Data Warehousing and Knowledge Discovery 2012-08-29 this book constitutes the refereed proceedings of the 14th international conference on data warehousing and knowledge discovery dawak 2012 held in vienna austria in september 2012 the 36 revised full papers presented were carefully reviewed and selected from 99 submissions the papers are organized in topical sections on data warehouse design methodologies etl methodologies and tools multidimensional data processing and management data warehouse and olap extensions data warehouse performance and optimization data mining and knowledge discovery techniques data mining and knowledge discovery applications pattern mining data stream mining data warehouse confidentiality and security and distributed paradigms and algorithms

Data Warehousing and Knowledge Discovery 2003-07-31 this book constitutes the refereed proceedings of the first international conference on data warehousing and knowledge discovery dawak 99 held in florence italy in august september 1999 the 31 revised full papers and nine short papers presented were carefully reviewed and selected from 88 submissions the book is divided in topical sections on data warehouse design online analytical processing view synthesis selection and optimization multidimensional databases knowledge discovery association rules indexing and object similarities generalized association rules and data and web mining time series data bases data mining applications and data analysis

Data Warehouse Requirements Engineering 2018-01-29 as the first to focus on the issue of data warehouse requirements engineering this book introduces a model driven requirements process used to identify requirements granules and incrementally develop data warehouse fragments in addition it presents an approach to the pair wise integration of requirements granules for consolidating multiple data warehouse fragments the process is systematic and does away with the fuzziness associated with existing techniques thus consolidation is treated as a requirements engineering issue the notion of a decision occupies a central position in the decision based approach on one hand information relevant to a decision must be elicited from stakeholders modeled and transformed into multi dimensional form on the other decisions themselves are to be obtained from decision applications for the former the authors introduce a suite of information elicitation techniques specific to data warehousing this information is subsequently converted into multi dimensional form for the latter not only are decisions obtained from decision applications for managing operational businesses but also from applications for formulating business policies and for defining rules for enforcing policies respectively in this context the book presents a broad range of models tools and techniques for readers from academia the book identifies the scientific technological problems it addresses and provides cogent arguments for the proposed solutions for readers from industry it presents an approach for ensuring that the product meets its requirements while ensuring low lead times in delivery

Intelligent Data Warehousing 2001-12-13 effective decision support systems dss are quickly becoming key to businesses gaining a competitive advantage and the effectiveness of these systems depends on the ability to construct maintain and extract information from data warehouses while many still perceive data warehousing as a subdiscipline of management information systems mis in fact many of its advances have and will continue to come from the computer science arena intelligent data warehousing presents the state of the art in data warehousing research and practice from a perspective that integrates business applications and computer science it brings the intelligent techniques associated with artificial intelligence ai to the entire process of data warehousing including data preparation storage and mining part i provides an overview of the main ideas and fundamentals of data mining artificial intelligence business intelligence and data warehousing part ii presents core materials on data warehousing and part iii explores data analysis and knowledge discovery in the data warehousing environment including how to perform intelligent data analysis and the discovery of influential association patterns bridging the gap between theoretical research and business applications this book summarizes the main ideas behind recent research developments rather than setting forth technical details and it presents case studies that show the how to s of implementing these ideas the result is a practical first of its kind book that brings together scattered research unites mis with computer science and melds intelligent techniques with data warehousing

Progressive Methods in Data Warehousing and Business Intelligence: Concepts and Competitive Analytics 2009-02-28 provides developments and research as well as current innovative activities in data warehousing and mining focusing on the intersection of data warehousing and business intelligence

ICT Education 2017-11-17 this book constitutes the refereed proceedings of the 46th annual conference of the southern african computer lecturers association on ict education sacla 2017 held in magaliesburg south africa in july 2017 the 22 revised full papers presented together with an extended abstract of a keynote paper were carefully reviewed and selected from 63 submissions the papers are organized in topical sections on ict students of a

new generation technology and gaming in nowadays education educational cooperation with the ict industry computer programming education ict courses and curricula

Machine Learning for Data Science Handbook 2023-08-17 this book organizes key concepts theories standards methodologies trends challenges and applications of data mining and knowledge discovery in databases it first surveys then provides comprehensive yet concise algorithmic descriptions of methods including classic methods plus the extensions and novel methods developed recently it also gives in depth descriptions of data mining applications in various interdisciplinary industries

Data Warehousing and Knowledge Discovery 2006-08-30 this book constitutes the refereed proceedings of the 8th international conference on data warehousing and knowledge discovery dawak 2006 held in conjunction with dexa 2006 the book presents 53 revised full papers organized in topical sections on etl processing materialized view multidimensional design olap and multidimensional model cubes processing data warehouse applications mining techniques frequent itemsets mining data streams ontology based mining clustering advanced mining techniques association rules miscellaneous applications and classification

Web Technologies and Applications 2013-03-22 this book constitutes the refereed proceedings of the 15th asia pacific conference ap2013 held in sydney australia in april 2013 the 80 papers presented were carefully reviewed and selected from numerous submissions the papers are organized in topical sections on distributed processing graphs search and mining xml rdf data and query processing social networks probabilistic queries multimedia and visualization spatial temporal databases data mining and knowledge discovery privacy and security performance query processing and optimization there are also sections summarizing the tutorials and containing the papers from the following workshops second international workshop on data management for emerging network infrastructure international workshop on social media analytics and recommendation technologies and international workshop on management of spatial temporal data

Embedded Software and Systems 2005-08-29 welcome to the post proceedings of the first international conference on embedded software and systems ices 2004 which was held in hangzhou p r china 9 10 december 2004 embedded software and systems technology is of increasing importance for a wide range of industrial areas such as aerospace automotive telecommunication and manufacturing automation embedded technology is playing an increasingly dominant role in modern society this is a natural outcome of amazingly fast developments in the embedded field the ices 2004 conference brought together researchers and developers from academia industry and government to advance the science engineering and technology in embedded software and systems development and provided them with a forum to present and exchange their ideas results work in progress and experience in all areas of embedded systems research and development the ices 2004 conference attracted much more interest than expected the total number of paper submissions to the main conference and its three workshops namely pervasive computing automobile electronics and tele communication was almost 400 from nearly 20 countries and regions all submissions were reviewed by at least three program or technical committee members or external reviewers it was extremely difficult to make the final decision on paper acceptance because there were so many excellent foreseeing and interesting submissions with brilliant ideas

Strategic Advancements in Utilizing Data Mining and Warehousing Technologies: New Concepts and Developments 2009-12-31 this book presents and disseminates new concepts and developments in the areas of data warehousing and data mining in particular on the research trends shaped during the last few years provided by publisher

Advances in Databases 2011-10-29 this book constitutes the thoroughly refereed post conference proceedings of the 28th british national conference on databases bncod 28 held in manchester uk in july 2011 the 13 revised full papers 2 short papers 2 demo papers and 1 poster paper presented together with the abstracts of 2 keynote talks and 1 tutorial paper were carefully reviewed and selected from 44 submissions the papers cover a wide range of topics such as xml compression xml updates column oriented stores provenance warehousing streamed data data mashups dataspace sensor network query processing and pattern oriented search

Information Systems Evolution 2011-01-11 this book constitutes the post conference proceedings of the caise forum from the 22nd international conference on advanced information systems engineering caise 2010 held in hammamet tunisia june 9 2010 while the caise conference itself focuses on papers that report on matured research the caise forum was created specifically as a platform to present fresh ideas new concepts and new and innovative systems tools and applications the 22 papers presented in this volume were carefully reviewed and selected from 32 submissions the reworked and extended versions of the original presentations cover topics such as business process management enterprise architecture and modeling service oriented architectures and requirements engineering

Data Warehousing and Mining: Concepts, Methodologies, Tools, and Applications 2008-05-31 in recent years the science of managing and analyzing large datasets has emerged as a critical area of research in the race to answer vital questions and make knowledgeable decisions impressive amounts of data are now being generated at a rapid pace increasing the opportunities and challenges associated with the ability to effectively analyze this data

Data Management in Grid and Peer-to-Peer Systems 2008-08-25 first international conference on data management in grid and peer to peer p2p systems globe 2008 data management can be achieved by different types of systems from centralized file management systems to grid and p2p systems passing through distributed systems parallel systems and data integration systems an increase in the demand of data sharing from different sources accessible through networks has led to proposals for virtual data integration approach the aim of data integration systems based on the mediator wrapper architecture is to provide uniform access to multiple distributed autonomous and heterogeneous data sources heterogeneity may occur at various levels e.g. different hardware platforms operating systems dbms for more than ten years research topics such as grid and p2p systems have been very active and their synergy has been pointed out they are important for scaled distributed systems and applications that require effective management of voluminous distributed and heterogeneous data this importance comes out of characteristics offered by these systems e.g. autonomy and the dynamicity of nodes decentralized control for scaling today the grid and p2p systems intended initially for intensive computing and file sharing are open to the management of voluminous heterogeneous and distributed data in a large scale environment

Information Computing and Applications 2013-12-19 this two volume set of ccis 391 and ccis 392 constitutes the refereed proceedings of the fourth international conference on information computing and applications icica 2013 held in singapore in august 2013 the 126 revised full papers presented in both volumes were carefully reviewed and selected from 665 submissions the papers are organized in topical sections on internet computing and applications engineering management and applications intelligent computing and applications business intelligence and applications knowledge management and applications information management system computational statistics and applications

Emerging Trends and Applications in Information Communication Technologies 2012-04-15 this book constitutes the refereed proceedings of the second international multi topic conference imtic 2012 held in

jamshoro pakistan in march 2012 the 51 revised full papers presented were carefully reviewed and selected from 205 submissions the papers address topics from information communication technologies

Encyclopedia of Information Science and Technology, Third Edition 2014-07-31 this 10 volume compilation of authoritative research based articles contributed by thousands of researchers and experts from all over the world emphasized modern issues and the presentation of potential opportunities prospective solutions and future directions in the field of information science and technology provided by publisher

Databases Theory and Applications 2015-05-27 this book constitutes the refereed proceedings of the 26th australasian database conference adc 2015 held in melbourne vic australia in june 2015 the 24 full papers presented together with 5 demo papers were carefully reviewed and selected from 43 submissions the australasian database conference is an annual international forum for sharing the latest research advancements and novel applications of database systems data driven applications and data analytics between researchers and practitioners from around the globe particularly australia and new zealand the mission of adc is to share novel research solutions to problems of today s information society that fulfill the needs of heterogeneous applications and environments and to identify new issues and directions for future research adc seeks papers from academia and industry presenting research on all practical and theoretical aspects of advanced database theory and applications as well as case studies and implementation experiences

Data Engineering and Management 2012-01-16 this book constitutes the thoroughly refereed post conference proceedings of the second international conference on data engineering and management icdem 2010 held in tiruchirappalli india in july 2010 the 46 revised full papers presented together with 1 keynote paper and 2 tutorial papers were carefully reviewed and selected from numerous submissions the papers are organized in topical sections on digital library knowledge and mulsemmedia data management and knowledge extraction natural language processing workshop on data mining with graphs and matrices

Advanced Machine Learning Technologies and Applications 2012-12-03 this book constitutes the refereed proceedings of the first international conference on advanced machine learning technologies and applications amlta 2012 held in cairo egypt in december 2012 the 58 full papers presented were carefully reviewed and selected from 99 intial submissions the papers are organized in topical sections on rough sets and applications machine learning in pattern recognition and image processing machine learning in multimedia computing bioinformatics and cheminformatics data classification and clustering cloud computing and recommender systems

Foundations of Intelligent Systems 2014-06-03 this book constitutes the refereed proceedings of the 21st international symposium on methodologies for intelligent systems ismis 2014 held in roskilde denmark in june 2014 the 61 revised full papers were carefully reviewed and selected from 111 submissions the papers are organized in topical sections on complex networks and data stream mining data mining methods intelligent systems applications knowledge representation in databases and systems textual data analysis and mining special session challenges in text mining and semantic information retrieval special session warehousing and olaping complex spatial and spatio temporal data ismis posters

Data Warehousing and Knowledge Discovery 2003-06-30 data warehousing and knowledge discovery technology is emerging as a key technology for enterprises that wish to improve their data analysis decision support activities and the automatic extraction of knowledge from data the objective of the third international conference on data warehousing and knowledge discovery dawak 2001 was to bring together researchers and practitioners to discuss research issues and experience in developing and deploying data warehousing and knowledge discovery systems applications and solutions the conference focused on the logical and physical design of data warehousing and knowledge discovery systems the scope of the papers covered the most recent and relevant topics in the areas of association rules mining temporal patterns data mining techniques collaborative filtering mining visualization matchmaking evelopment and maintenance of data warehouses olap and distributed data warehouses these proceedings contain the technical papers selected for presentation at the conference we received more than 90 papers from over 20 countries and the program committee finally selected 34 papers the conference program included one invited talk knowledge management in heterogeneous data warehouse environments by professor larry kerschberg george mason university usa

Enabling Real-Time Business Intelligence 2010-07-23 in today s competitive and highly dynamic environment organizations need new so tions to enable them to solve modern business problems and to make decisions using integrated trustworthy and up to date data modern real time enterprises need to act on events as they happen they need new easy to use intelligent solutions capable of analyzing heterogeneous real time enterprise data to provide insight and actionable information at the right time to enable real time enterprises we need fundamental advancements in the science and engineering that underlie intelligent information management including the management of streaming data the modeling analysis and management of unstructured data along with the integrated use of unstructured se structured and structure data we need new models and paradigms that raise the level of abstraction used in such critical technologies as etl data warehousing and event and business process modeling the series of birte workshops aims to provide a forum to discuss and advance the foundational science and engineering required to enable real time business intel gence and the novel applications and solutions that build on these foundational te niques following the success of our first workshop birte 2006 held in seoul korea in conjunction with vldb 2006 and our second workshop birte 2008 held in auckland new zealand with vldb 2008 our third workshop was held in lyon france on august 24 2009 with vldb 2009

Databases Theory and Applications 2017-09-18 this book constitutes the refereed proceedings of the 28th australasian database conference adc 2017 held in brisbane qld australia in september 2017 the 20 full papers presented together with 2 demo papers were carefully reviewed and selected from 32 submissions the mission of adc is to share novel research solutions to problems of today s information society that fulfill the needs of heterogeneous applications and environments and to identify new issues and directions for future research and development work the topics of the presented papers are related to all practical and theoretical aspects of advanced database theory and applications as well as case studies and implementation experiences

Issues in Information Science—Information Technology, Systems, and Security: 2013 Edition 2013-05-01 issues in information science information technology systems and security 2013 edition is a scholarlyeditions book that delivers timely authoritative and comprehensive information about computer security the editors have built issues in information science information technology systems and security 2013 edition on the vast information databases of scholarlynews you can expect the information about computer security in this book to be deeper than what you can access anywhere else as well as consistently reliable authoritative informed and relevant the content of issues in information science information technology systems and security 2013 edition has been produced by the world s leading scientists engineers analysts research institutions and companies all of the content is from peer reviewed sources and all of it is written assembled and edited by the editors at scholarlyeditions and available exclusively from us you now have a source you can cite with authority confidence and credibility more information is available at scholarlyeditions com

ERP & Data Warehousing in Organizations 2003-01-01 offering enterprise resource planning erp deployment strategies for information as diverse as patient records police and community relations and geospatial services this

text addresses the complex issues that information and communication technologies pose for small midsize and large organizations provided are recent research findings as well as practical assessments and suggestions for managers

2002 IEEE Region 10 Conference on Computers, Communications, Control and Power Engineering 2002 the numeric values retrieved from a data warehouse may be difficult for business users to interpret and may even be interpreted incorrectly therefore in order to better understand numeric values business users may require an interpretation in meaningful non numeric terms however if the transition between non numeric terms is crisp true values cannot be measured and a smooth transition between classes may no longer be possible this book addresses this problem by presenting a fuzzy classification based approach for a data warehouses moreover it introduces a modeling approach for fuzzy data warehouses that makes it possible to integrate fuzzy linguistic variables in a meta table structure the essence of this structure is that fuzzy concepts can be integrated into the dimensions and facts of an existing classical data warehouse without affecting its core this allows a simultaneous analysis both fuzzy and crisp a case study of a movie rental company underlines and exemplifies the proposed approach

Fuzzy Data Warehousing for Performance Measurement 2014-07-08 this book constitutes the proceedings of the 13th asia pacific conference ap2011 held in conjunction with the ap2011 workshops xml dm and usd in beijing china in april 2011 the 26 full papers presented together with 10 short papers 3 keynote talks and 4 demo papers were carefully reviewed and selected from 104 submissions the submissions range over a variety of topics such as classification and clustering spatial and temporal databases personalization and recommendation data analysis and application mining search and information retrieval complex and social networks and secure and semantic

Web Technologies and Applications 2011-03-31 prior knowledge in data mining is helpful for selecting suitable data and mining techniques pruning the space of hypothesis representing the output in a comprehensible way and improving the overall method this book examines methodologies and research for the development of ontological foundations for data mining to enhance the ability of ontology utilization and design provided by publisher *Data Mining with Ontologies: Implementations, Findings, and Frameworks* 2007-07-31 the book presents high quality peer reviewed papers from the ficr international conference on rising threats in expert applications and solutions 2022 organized by iis deemed to be university jaipur rajasthan india during january 7 8 2022 the volume is a collection of innovative ideas from researchers scientists academicians industry professionals and students the book covers a variety of topics such as expert applications and artificial intelligence machine learning advance web technologies such as iot big data cloud computing in expert applications information and cyber security threats and solutions multimedia applications in forensics security and intelligence advancements in app development management practices for expert applications and social and ethical aspects in expert applications through applied sciences

Rising Threats in Expert Applications and Solutions 2022-07-03 the natural mission of computational science is to tackle all sorts of human problems and to work out intelligent automata aimed at alleviating the burden of working out suitable tools for solving complex problems for this reason computational science though originating from the need to solve the most challenging problems in science and engineering computational science is the key player in the path to gain fundamental advances in astronomy biology chemistry environmental science physics and several other scientific and engineering disciplines is increasingly turning its attention to all fields of human activity in all activities in fact intensive computation information handling knowledge synthesis the use of ad hoc devices etc increasingly need to be exploited and coordinated regardless of the location of both the users and the various and heterogeneous computing platforms as a result the key to understanding the explosive growth of this discipline lies in two adjectives that more and more appropriately refer to computational science and its applications interoperable and ubiquitous numerous examples of ubiquitous and interoperable tools and applications are given in the present four volumes containing the contributions delivered at the 2004 international conference on computational science and its applications iccsa 2004 held in assisi italy may 14 17 2004

Computational Science and Its Applications - ICCSA 2004 2004-04-29 this book presents cutting edge research and analysis of the most recent advancements in the fields of database systems and software development provided by publisher

Computational Science and Its Applications - ICCSA 2006 2006 modern databases and information systems essentially differ from their predecessors ontology based and knowledge based approaches to system development uml based is development methodologies xml databases and heterogeneous information models have come to the fore all these fundamental aspects are discussed in this book this publication contains a collection of 22 high quality papers written by 44 authors these articles present original results in modern database technologies database applications data warehousing data mining ontologies and modern information systems special emphasis is put on multimedia database systems heterogeneous data integration methods view optimizations ontology engineering tools modeling and model transformations mda theoretical aspects as well as technical development issues are considered the intended audience for this book is researchers advanced students and practitioners who are interested in advanced topics on databases and information systems

Advanced Principles for Improving Database Design, Systems Modeling, and Software Development 2008-11-30 recently researchers have focused on challenging problems facing the development of data warehousing knowledge discovery and data mining applications

Databases and Information Systems 2005

Complex Data Warehousing and Knowledge Discovery for Advanced Retrieval Development: Innovative Methods and Applications 2009-07-31

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